



Long-Term Strategies to Reduce Petroleum Dependence

Workshop on the Causes of
Petroleum Infrastructure Development Constraints
Sacramento, California
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Overview

- Background - AB 2076 (Shelley, Chapter 936, Statutes of 2000)
- *Reducing California's Petroleum Dependence* - Joint Energy Commission and Air Resources Board Report to the Legislature and Governor, adopted in July 2003;
http://www.energy.ca.gov/fuels/petroleum_dependence/documents/index.html
- Near-Term versus Long-Term Options
- Relative results from petroleum reduction options, near and long-term



AB 2076 Background

- Recommend a strategy for reducing petroleum dependence
- Present statewide goals for reducing rate of growth of petroleum fuel use
- Recommend strategies to increase transportation energy efficiency, utilization of non-petroleum fuels and use of advanced transportation technologies

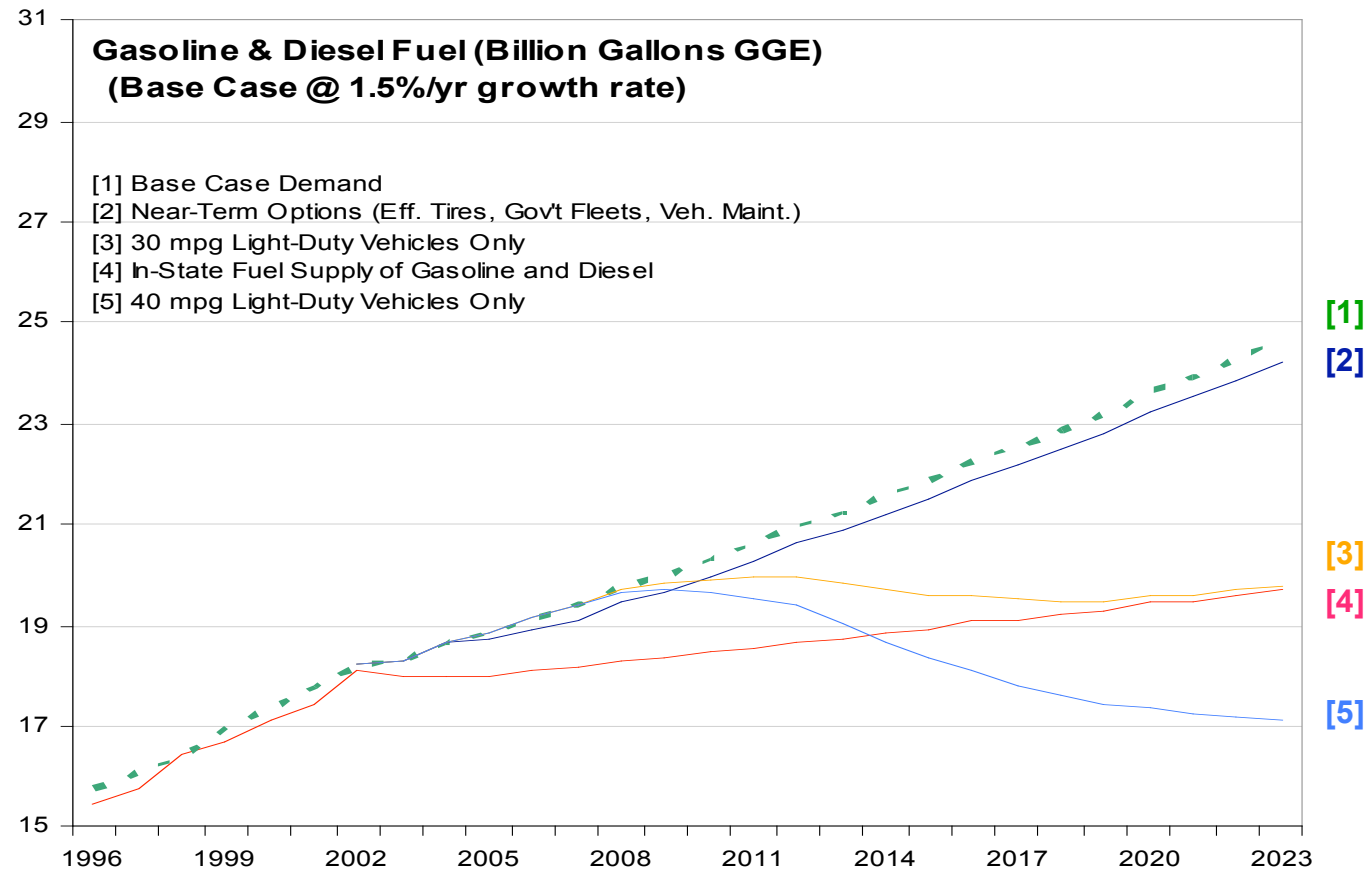


Reducing California's Petroleum Dependence

- Recommend a goal of reducing demand for on-road gasoline and diesel of 15 percent below the 2003 level by 2020 and maintain that level for the foreseeable future.
- Work with the California delegation and other states to establish national fuel economy standards that double the fuel efficiency of new cars, light trucks and SUVs.
- Establish a goal to increase the use of non-petroleum fuels to 20 percent by 2020 and 30 percent by 2030.

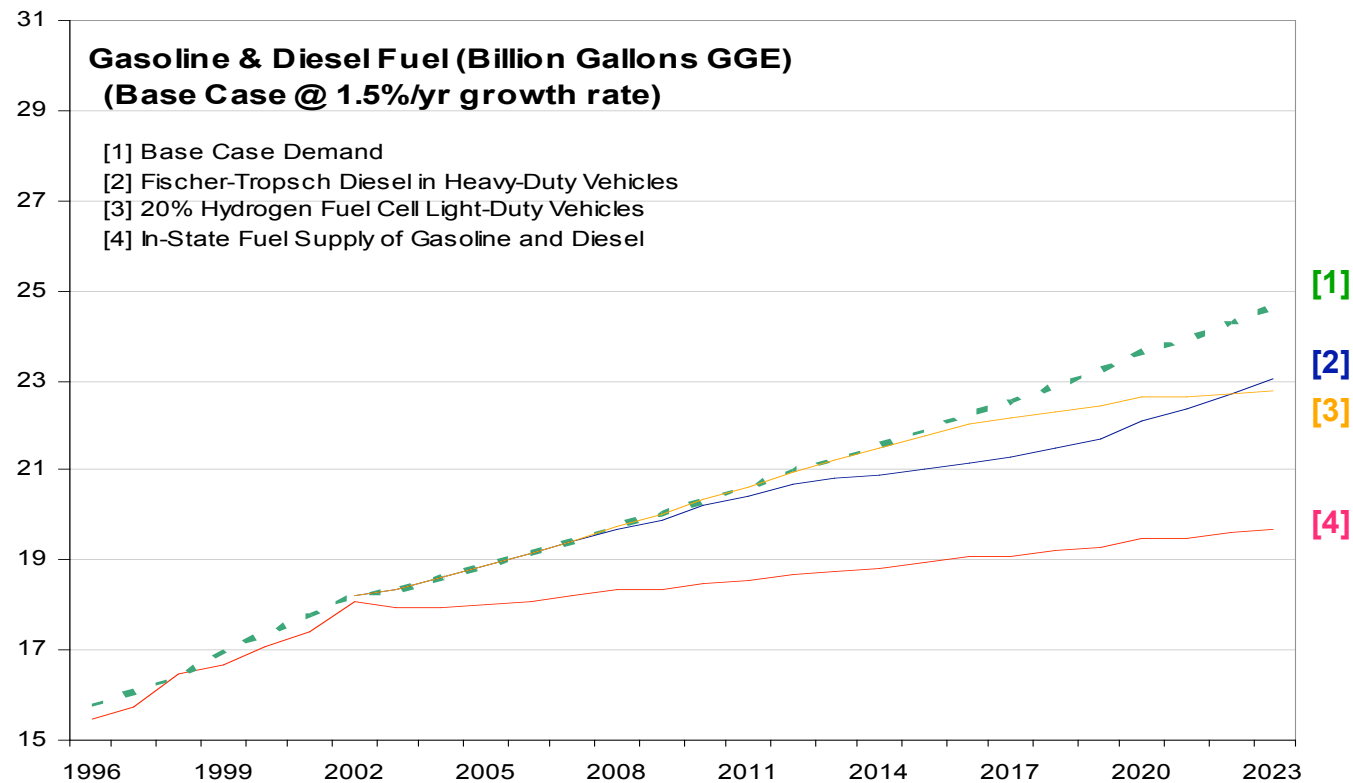


California Base Case Demand & Supply vs. Selected LDV Demand Reduction Options



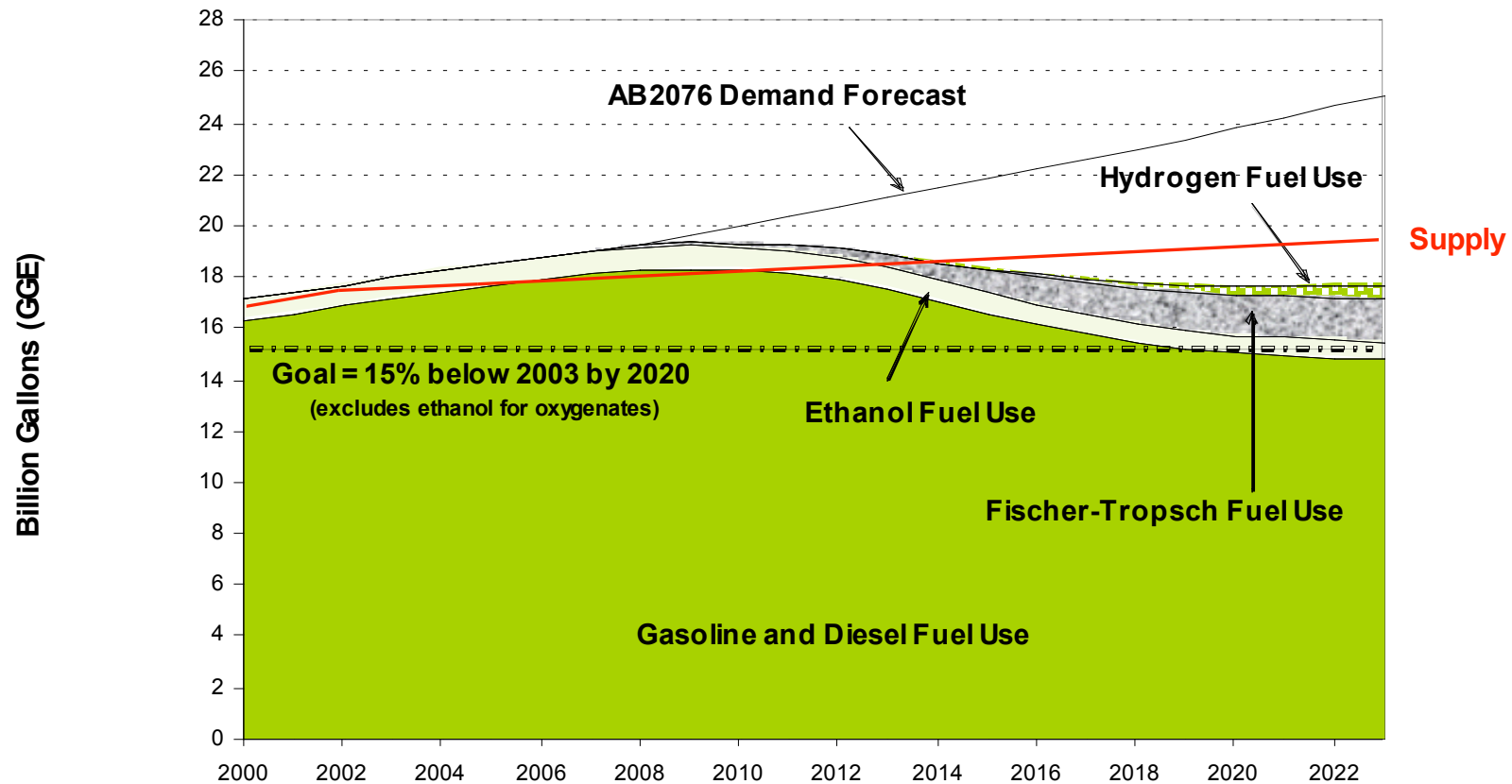


California Base Case Demand & Supply vs. Selected Alt. Fuel Demand Reduction Options





California Base Case Forecast & Supply vs. Fuel Demand After Implementing AB 2076 Goals



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